Mathematics and Computers in Simulation 29 (1987) 549–551
North-Holland

AUTHOR INDEX VOLUME 29

Adomian, G., Vibration in offshore structures: An analysis for the general nonlinear stochastic case – Part I (2) 119–122
Adomian, G., Nonlinear oscillations in physical systems (3,4) 275–284
Adomian, G., Vibration in offshore structures – Part II (5) 351–356
Alund, A., see **Sedin, Y.C.-J.** (6) 503–514
Ames, W.F. and **Brezinski, C.** (2) 145–149
Ames, W.F. and **Brezinski, C.** (3,4) 321–326
Ames, W.F. and **Brezinski, C.** (5) 445–453
Ames, W.F. and **Brezinski, C.** (6) 531–536

Barnes, J.W., see **Kellogg, S.D.** (3,4) 209–221
Bellomo, N., see **Bonzani, I.** (3,4) 233–241
Bodnar, B.L., see **Witten, M.** (1) 19– 31
Bonzani, I., Zavattaro, M.G. and **Bellomo, N.**, On the continuous approximation of the probability density and of the entropy functions for nonlinear stochastic dynamical systems (3,4) 233–241
Brezinski, C., see **Ames, W.F.** (2) 145–149
Brezinski, C., see **Ames, W.F.** (3,4) 321–326
Brezinski, C., see **Ames, W.F.** (5) 445–453
Brezinski, C., see **Ames, W.F.** (6) 531–536

Carver, M.B. and **Salcudean, M.**, Two-fluid modelling of phase redistribution by obstructions (5) 399–412
Chen Daton, Wang Zeyi, Wu Qiming and **Li Zhijian**, A three-dimensional analysis program for MOS devices and the virtual node method (6) 461–475
Christakos, G., The space transformation in the simulation of multidimensional random fields (3,4) 313–319

Day, B., Fitt, P., Kimber, P. and **Richardson, D.**, A mathematical framework for modular simulation (5) 373–383
Drenovac, V., A method for the numerical integration of mechanical systems with unilateral constraints: Study of impact in multibody systems (5) 413–420

Eijsenga, W.J., Hybrid simulation of electrical machines in combination with power electronics (5) 421–443
Enting, I.G., A modelling spectrum for carbon cycle studies (2) 75– 85
Evans, D.J., see **Lipitakis, E.** (1) 1– 17

Fellenberg, B., see **vom Scheidt, V.** (3,4) 191–208

* The issue number is given in front of the pagination.

0378-4754/87/$3.50 © 1987, Elsevier Science Publishers B.V. (North-Holland)

Findler, N.V., Lo, C. and **Lo, R.**, Pattern search for optimization (1) 41–50
Fitt, P., see **Day, B.** (5) 373–383

Gabetta, E., On the wave propagation in unbounded random media (3,4) 285–290
Goby, F. and **Razek, A.**, Numerical calculation of electromagnetic forces (5) 343–350
Gulledge, T.R. Jr., see **Neghabat, M.** (5) 385–397

Holodniok, M. and **Kubíček, M.**, Determination of invariant tori bifurcation points (1) 33–39

Kellogg, S.D. and **Barnes, J.W.**, The distribution of products, quotients, and powers of two dependent *H*-function variates (3,4) 209–221
Kimber, P., see **Day, B.** (5) 373–383
Kinnmark, I.P.E., A principle for construction of one-step integration methods with maximum imaginary stability limits (2) 87–106
Korn, G.A., Tricks and treats: Nonlinear operations in digital simulation (2) 129–143
Kreimer, J., Minimization of the delay in a data-communication network with centralized control under uncertainty (2) 123–127
Kubíček, M., see **Holodniok, M.** (1) 33–39

Ladde, G.S. and **Seikkala, S.**, On sample solutions of random initial value and Nicoletti boundary value problems (3,4) 223–231
Li Zhijian, see **Chen Datong** (6) 461–475
Liles, A.D., see **Tsokos, C.P.** (3,4) 291–311
Lipitakis, E.A. and **Evans, D.J.**, Explicit semi-direct methods based on approximate inverse matrix techniques for solving boundary-value problems on parallel processors (1) 1–17
Liske, H. and **Platen, E.**, Simulation studies on time discrete diffusion approximations (3,4) 253–260
Liu, A.C., see **Witten, M.** (1) 19–31
Lo, C., see **Findler, N.V.** (1) 41–50
Lo, R., see **Findler, N.V.** (1) 41–50

Miller, J.J.H., On a Petrov–Galerkin method for the electrical and thermal behaviour of semiconductor devices in two dimensions (5) 367–372

Nävert, U.G., see **Sedin, Y.C.-J.** (6) 503–514
Neghabat, M., Ringuest, J.L. and **Gulledge, T.R. Jr.**, A model of the controller responses of the human temperature regulating system to changes in water temperature (5) 385–397
Nelken, I. and **Oxley, D.**, Parallel Gaussian elimination on an optically interconnected data flow computer (6) 515–529

Oharu, S., Convergence of difference approximations of nonlinear evolution equations (6) 493–501
Ohkita, M., An application of rationalized Haar functions to the solution of delay-differential systems (6) 477–491
Oxley, D., see **Nelken, I.** (6) 515–529

Platen, E., see **Liske, H.** (3,4) 253–260

Quinn, D.W., A finite element method for computing sound propagation in ducts (1) 51–64
Quinn, D.W., Modeling of lightning (2) 107–118

Rattay, F., Modelling and simulation of electrically stimulated nerve and muscle fibers: A review (5) 357–366

Razek, A., see **Goby, F.** (5) 343–350
Richardson, D., see **Day, B.** (5) 373–383
Ringuest, J.L., see **Neghabat, M.** (5) 385–397

Salcudean, M., see **Carver, M.B.** (5) 399–412
Scheidt, J. vom and **Fellenberg, B.**, Some simulation results as to weakly correlated processes (3,4) 191–208
Sedin, Y.C.-J., Mavert, U.G. and **Ålund, A.**, Transonic flow calculations using approximate potential and Euler equations (6) 503–514
Seikkala, S., see **Ladde, G.S.** (3,4) 223–231
Serebrovski, A.P., On the synthesis of optimal control for the continuous-time linear stochastic systems with singular mean-square performance index (3,4) 261–273
Spigler, R., Monte Carlo-type simulation for solving stochastic ordinary differential equations (3,4) 243–251

Tsokos, C.P. and **Liles, A.D.**, Stochastic models for forecasting (3,4) 291–311

Wang Zeyi, see **Chen Datong** (6) 461–475
West, B.J., Measurement, information and uncertainty (3,4) 169–189
Witten, M., Bodnar, B.L. and **Liu, A.C.**, Simulation and modeling of a single bus tightly coupled multiprocessor system (1) 19– 31
Wu Qiming, see **Chen Datong** (6) 461–475

Zavattaro, M.G., see **Bonzani, I.** (3,4) 233–241